

## PATENT ABSTRACTS OF JAPAN

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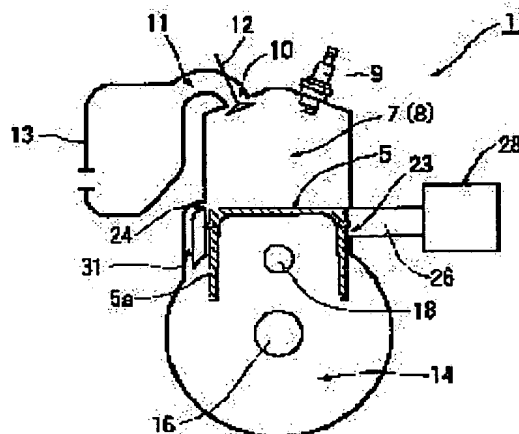
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## (54) FOUR-CYCLE INTERNAL COMBUSTION ENGINE

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a small sized and light four-cycle internal combustion engine applicable to the small size power work machine.

**SOLUTION:** An ignition plug 9 and an exhaust port 10 are provided on a cylinder head. An exhaust valve 12 is arranged on the exhaust port 10. A crankcase forming a sealed crankcase 14 is arranged at a lower edge of a cylinder block. The first and second ports 23, 24 both opened to an operation chamber 7, and opened and closed by a piston 5 are formed in the cylinder block. The second port 24 is communicated to the crankcase 14 via a communicating passage 31. While the first port 23 is communicated to a carburetor 28. The mixture mixed with lubricating oil is supplied to the crankcase 14 from the carburetor 28 through the first port 23.



## LEGAL STATUS

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